

# Converting Colors

$Yxy(61.9975, 0.3821, 0.3508)$

Have a look what the booklet for  
Yxy(61.9975, 0.3821, 0.3508)  
contains.

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# Color

**Yxy(61.9378, 0.3818, 0.3501)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFC0AC
RGB	255, 192, 172
RGB Percent	100%, 75%, 67%
CMY	0.0000, 0.2471, 0.3254
CMYK	0.00, 0.25, 0.33, 0.00
HSL	14°, 100%, 84%
HSV	14°, 33%, 100%
XYZ	67.5460, 61.9378, 47.4308
YIQ	208.5570, 43.9680, 7.1360

# Conversions

## Conversions Part 2

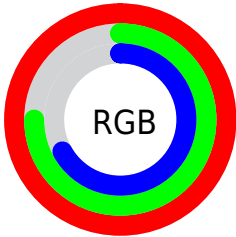
Format	Color
R <sub>Y</sub> B	255, 198, 172
Decimal	16761004
CIE Lab	82.88, 19.99, 18.87
CIE LCh	83, 27.488, 43.359
Yxy	61.9378, 0.3818, 0.3501
Android (android.graphics.Color)	4294951084 (0xFFFFC0AC)
YUV	208.5570, -18.0226, 40.7305
Hunter-Lab	78.7006, 15.4744, 19.3578

# Details

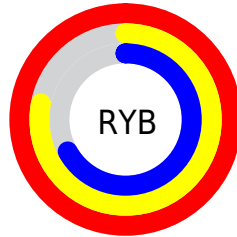
The Yxy color **61.9378, 0.3818, 0.3501** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.4216, 0.2634, 0.3066**, and the grayscale version is **63.5514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5574, 0.3298, 0.3505**, and **31.4033, 0.3995, 0.3534** is the 20% darker color. If you saturate the color by 10%, you get **53.0967, 0.4121, 0.3567**, and if you desaturate by 10%, it is **72.0786, 0.3561, 0.3433**.

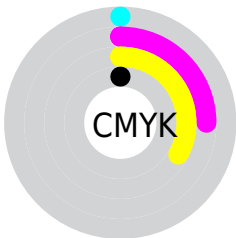
# Distribution



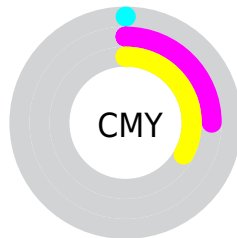
- Red (100%)
- Green (75%)
- Blue (67%)



- Red (100%)
- Yellow (78%)
- Blue (67%)



- Cyan (0%)
- Magenta (25%)
- Yellow (33%)
- Black (0%)




- Cyan (0%)
- Magenta (25%)
- Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9378, 0.3818, 0.3501 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 61.9378, 0.3818, 0.3501 by changing the saturation by 10% instead.




 61.9378, 0.3818,  
0.3501

 61.9378, 0.3818,  
0.3501


431.7042, 0.3486,  
0.3410

 44.9824, 0.3897,  
0.3520


 107.6356, 0.3700,  
0.3471

 31.4436, 0.3995,  
0.3542


137.1469, 0.3655,  
0.3459

 20.9369, 0.4122,  
0.3567


171.6122, 0.3617,  
0.3448

 13.0779, 0.4291,  
0.3596

211.4161, 0.3583,  
0.3439

 7.4822, 0.4526,  
0.3628

256.9428, 0.3554,  
0.3430

 3.7654, 0.4870,  
0.3654

308.5768, 0.3529,

 1.5432, 0.5634,

0.3423

0.3793

366.7024, 0.3506,  
0.3416

0.3189, 0.7127,  
0.2873

0.0000, 0.0000,  
0.0000

61.9378, 0.3818,  
0.3501

61.9378, 0.3818,  
0.3501

53.0967, 0.4121,  
0.3567

72.0786, 0.3561,  
0.3433

45.5112, 0.4470,  
0.3625

83.5801, 0.3346,  
0.3367

39.1201, 0.4857,  
0.3665

96.4870, 0.3168,  
0.3305

33.8605, 0.5260,  
0.3678

100.0000, 0.3127,  
0.3290

■ 29.6634, 0.5641,  
0.3652

■ 26.4516, 0.5953,  
0.3585

■ 24.6390, 0.6127,  
0.3517

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.9378, 0.3665, 0.3213



61.9378, 0.3818, 0.3501



61.9378, 0.3772, 0.3756

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.9378, 0.3818, 0.3501



61.9378, 0.2875, 0.3663



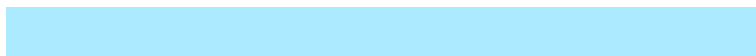
61.9378, 0.2700, 0.2718

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



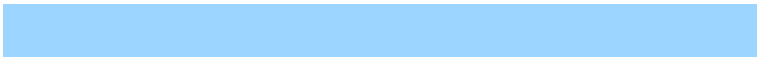
61.9378, 0.3818, 0.3501



75.4216, 0.2634, 0.3066

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.9378, 0.2515, 0.2798



61.9378, 0.3818, 0.3501



61.9378, 0.2611, 0.3336

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.9378, 0.3818, 0.3501



61.9378, 0.3218, 0.3878



61.9378, 0.2483, 0.3017



61.9378, 0.3006, 0.2777



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.9378, 0.3818, 0.3501



61.9378, 0.3638, 0.3872



61.9378, 0.2483, 0.3017



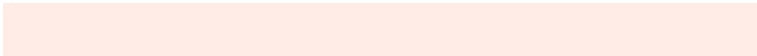
61.9378, 0.2623, 0.2728

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



61.9344, 0.3818, 0.3501



86.7282, 0.3298, 0.3351



56.8051, 0.3319, 0.2652



18.1887, 0.3324, 0.3360



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.9344, 0.3818, 0.3501



56.0824, 0.4008, 0.3544



82.4434, 0.3685, 0.3906



18.6969, 0.3288, 0.3348



13.0659, 0.6100, 0.3538

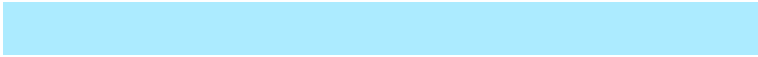


1.4332, 0.5885, 0.3709

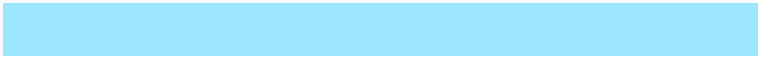


# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



75.4216, 0.2634, 0.3066



71.4280, 0.2544, 0.3015



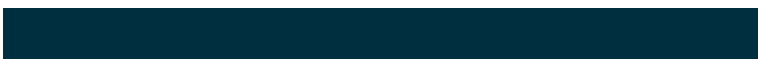
54.6395, 0.2574, 0.2586



19.6968, 0.2980, 0.3231



24.0876, 0.2025, 0.2490



2.5144, 0.2053, 0.2592



# Previews

## White Background



This preview shows how the Yxy color 61.9378, 0.3818, 0.3501 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.9378, 0.3818, 0.3501 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

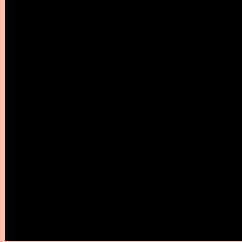
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 61.9378, 0.3818, 0.3501**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.9378, 0.3818, 0.3501.



This preview shows how white text looks on a background with the Yxy color 61.9378, 0.3818, 0.3501.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

61.9378, 0.3818, 0.3501

### Protanopia

62.1490, 0.3410, 0.3603

### Deuteranopia

62.1378, 0.3670, 0.3598



## Tritanopia

61.9195, 0.3574, 0.3157

# Trichromacy



**Original Color**

61.9378, 0.3818, 0.3501

**Protanomaly**

61.8968, 0.3558, 0.3571

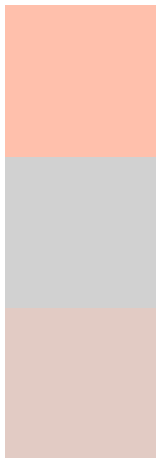
**Deuteranomaly**

61.8326, 0.3729, 0.3561

**Tritanomaly**

61.8485, 0.3664, 0.3281

# Monochromacy



**Original Color**

61.9378, 0.3818, 0.3501

**Achromatopsia**

63.7597, 0.3127, 0.3290

**Achromatomaly**

62.8661, 0.3359, 0.3369

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.9378, 0.3818, 0.3501 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 192, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 192, 172)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 192, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 192, 172) }
```

## Border

The CSS property to change the border of an element to Yxy 61.9378, 0.3818, 0.3501 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 192, 172) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 192, 172) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 192, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 192, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 192, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 192,  
172) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.9378, 0.3818, 0.3501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 192, 172) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
192, 172) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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